




City of Loma Linda Official Report

Floyd Petersen, Mayor
Stan Brauer, Mayor pro tempore
Robert Christman, Councilmember
Robert Ziprick, Councilmember
Charles Umeda, Councilmember

COUNCIL AGENDA: February 28, 2006
TO: City Council
VIA: Dennis R. Halloway, City Manager
FROM: W. James Hettrick, Director of Information Systems 
SUBJECT: Authorization to Repair the Council Chamber T.V. Broadcast Sound System

RECOMMENDATION

It is recommended that the City Council authorize staff to authorize the repair of the Council Chambers T.V. broadcast sound system from City Electronics in an amount not to exceed \$12,000.

BACKGROUND

Adelphia Cable provides the City of Loma Linda with a cable feed onto Channel 3. City residents who subscribe to Adelphia receive this channel. Channel 3 is the medium used to broadcast City Council Meetings, replay City Council Meetings and Board of Supervisors Meetings, as well as airing a bulletin board at all other times. The original equipment was purchased in 1993 and has performed adequately for 13 years.

Unfortunately we have been experiencing both audio and video difficulties for the past 2 years. We are no longer able to re-broadcast meetings due to equipment failures and receive frequent complaints from residents regarding both the audio and visual output to Channel 3. Some issues have been able to be resolved with little or no monetary commitment. However, as we have expanded the broadcast studio's capabilities we have over-utilized certain aspects of the original design.

ANALYSIS

Staff has identified an imminent problem with the audio that is being broadcast thru Adelphia Cable to Loma Linda subscribers. Staff has work with Adelphia Cable to resolve these issues; Adelphia has indicated that they have done all they can do to resolve the problem. Therefore it is necessary to replace some of the audio components that interface with our production studio and Adelphia to resolve which components have failed.

FINANCIAL IMPACT:

Funding will be provided from Special Projects Construction fund, Technology Systems account 43-5980-8845

**City Electronics
1455 Sycamore Ln.
Loma Linda, CA 92354**

Date 2/23/2006

To W. James Hetrick
Director of information Systems
City of Loma Linda

Dear Mr. Hetrick

In evaluating your audio system feed to Adelphia Cable, we have determined that your in-house video and audio control system requires the following:

- A. Remove your existing audio equipment and replace with broadcast equipment (listed below)
- B. Rewire your audio console using proper shielded cabling and broadcast connectors
- C. Calibrate the system levels to match Adelphia's receiving equipment levels.

ITEM	DESCRIPTION	QTY	EACH	EXT
1	Modulator	1	2910.00	2910.0
2	10 Output Audio Distribution Amp	1	3213.00	3213.0
3	12 Input Audio Mixer	1	870.00	870.0
4	Stereo DBX Compressor / Limiter	1	1167.00	1167.0
5	Male XLR Connectors	18	8.90	160.2
6	Female XLR Connectors	18	9.80	176.4
7	Quad Shielded Audio Cable	150	0.27	40.5
8	Design, installation and calibration	1	1600.00	1600.0
				0.0
				\$10,137.10

Please feel to call me with any questions you may have at 909-557-7428

Sincerely Yours

Ganim Hanna, Development Engineer
City Electronics